

### ***Abstract***

The present invention relates to a novel T1-R ligand III protein which is a member of the IL-1RI ligand-like family. In particular, isolated nucleic acid molecules are provided encoding the human T1-R ligand III protein. T1-R ligand III polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of T1-R ligand III activity. Also provided are diagnostic methods for detecting immune system-related disorders and therapeutic methods for treating immune system-related disorders.